1600

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/430,412A**

DATE: 09/24/2003
TIME: 14:56:54

Input Set : **A:\881014us1.txt**
Output Set: **N:\CRF4\09242003\I430412A.raw**

```
 3 <110> APPLICANT: Albert Paul; and Lemonde, Sylvie
 5 <120> TITLE OF INVENTION: Mutations of the 5' region of the human 5-HT1A gene,
 6       associated proteins of the 5' region and a diagnostic
 7       test for major depression and related mental illnesses
 9 <130> FILE REFERENCE: 881014US1
11 <140> CURRENT APPLICATION NUMBER: 09/430,412A
12 <141> CURRENT FILING DATE: 1999-10-29
14 <150> PRIOR APPLICATION NUMBER: 60/106,375
15 <151> PRIOR FILING DATE: 1998-10-30
17 <160> NUMBER OF SEQ ID NOS: 7
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 3045
23 <212> TYPE: DNA
24 <213> ORGANISM: human
26 <400> SEQUENCE: 1
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28 agaataagag ctcatctctt tacaggagct ttggtttgca gcatttactt aagaaatatt 120
29 tggtattctg tatctttaag agttaaacat agaagaattg gctaagtgaa aatgaatgaa 180
30 acgcaatatc attctgcata tatcatttat tatatatcac agtattatta gtttttaaaag 240
31 ttaaacataa atatctatta tgycattgsa cgaytaggys aacctartcr gtgctgcgaa 300
32 tactttcgat acttctgttt ccctcctagt attcataagt gtgcctttga aaacgtttta 360
33 aattgtaaga aataaaatgt ttgatatatt atgtatatta ttactaagaa aaaacttgaa 420
34 ttactttgga ttttgaaaaa ctttgataaa ttctacatca tagcatattg aagcaagaat 480
35 aacaaatgct atacctcagg aatattaatt ccagattta cagcatttta acttcttga 540
36 tgagaaaaaa taaatttgtc agttattaaa ctatttggat ccaacagatg aaagcagaat 600
37 tctaactaac atatttattg atttatttgt gatttacata tttacatgtg ttgtttgaca 660
38 caattcttaa ttatgttctt gatatgcata tatttgcttc ttaaatttta agtttccttt 720
39 attttactttt gtttatagtc tcaactataa tttcaaagtt taattttaga taattcagcc 780
40 tttttaaatat tttcccatta taattttttgt gacctctaac tctatttttaa ctgtaaatat 840
41 agttctgtat ttgtgaagag actttagaag tggaaataga taccttcaca aatcttaaaa 900
42 gacttcttca gagtctgtaa acagcattac catgtatact tatctctttc tttgcatgcc 960
43 atgatcatca caatgcatgg ctcatgtggt ggcatgctga atgattgagt gggactgtgc 1020
44 cagctgaact ataaaaaaaa aaaacaaaca aaaccttatc caaacacact gtcctgtatt 1080
45 gtaatgcatt ggcccaactg gattcttttt gatgctttgg tgattgctct tttgtttggg 1140
46 cttggagaat tcagagctat gaaattcaga gctcagattt gaacacaata ttaagattat 1200
47 tgcaatctgt agtgaatctg ttcatgttat ccagtgtcaa ctgcttttga gattgcattc 1260
48 ctttcacctc aggcatgcaa tcaggatgta taagtgaaat gttgtgtggt atgtttactg 1320
49 tagttgctta gaagtccatt ctttaccaat gctcaaatgt gattaaattt gttttcttgt 1380
50 taaaggaaac agcttagaac aaacccttgt aagtatcttt atttcagtga tttaacatttt 1440
51 ccaaatgtta aatcatttgg aaaatgcaat actattcgtt tctccaacaa aaggtaaatt 1500
52 tatgtcagtt ccaaagttca ggttatgaca gcacaaaacc aacacaggtg aaagtgttag 1560
53 cctagcttta ttaaaatggc attcccagtt agaacttgtg aatgacagat acttcaggct 1620
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54 ttcgaaggaa gctaaaacat ataataggcc tgatatataa ggttcagagc aaaagagggc 1680
55 actaaaataa attttttaaag aaaataggaa ggagacaaaa ctcaatacta ccttgtcttt 1740
56 taataactgt cttcctcttt ctaaaagttg ttgtatttcc tcaatacttg cttcatttct 1800
57 ggcataaggg tttccagatg gcactctaaa acatttgcca gaaggtggcg aacataaaac 1860
58 ctcattgctt agaactgtcc caggtgctga acccagtttc tgagattaag agaggctagc 1920
59 cggctagcga accgggattc caccaagttt cccccagagg tttgcaggct ctggtaagaa 1980
60 gtgcaaaagg ccatgtgaaa tgccaggctt cacttagaac acatatgcaa aatatttcca 2040
61 tccctgaatt tactagccac aaagctatgg gaagtggcag tgtcactgaa attacaagtg 2100
62 tagtagtgat ggaaaagtgt gtgtgtgttt agaatatata tcacactgag ttttgttctt 2160
63 catttcgaga tgcagttgtt tacctctcct tgtcctttga cacgtccttt ataatttcgt 2220
64 tctctcccgg ttccccaacg ttaaaaaaaa agtcacaggc aatattctcc ctgagggagt 2280
65 aaggctggac tgttagatga taacggaggt accgttttgt tgttgttgtc gtcgttgttc 2340
66 gtttgttttt ggagacggag tctcgctctg tcgcccaggc tggagtgcaa tggcgcgaga 2400
67 acggaggtag ctttttaaaa acgaagacac actcggtctt cttccatcaa ttagcaataa 2460
68 ttgggagact gacccaggac tgttcacctt cccattcagg ctccctatgc ttccttttct 2520
69 catctcctat tgccactctg ggatgctgac acgatttaag aatttggcag ataatatgag 2580
70 gcaaggagta gttggaattc cctcccccaa gtttttccaa ccccagtttt gctgggttgg 2640
71 aggcggagtt tatttgttac aaccttggtc tgaccggcag gatctggtgt gtgtaagtga 2700
72 gttctgagtc tctgttgaca aaaagagact cgaatgcaaa gacgctgagc tagagggaga 2760
73 ggagggcggg gacccagagg aaagaggcac tcctcggggt tggggaagta ttaggagggg 2820
74 agggttagag tgggagggaa ggagcctggc tttcgaagcg actcacagag ggataaataa 2880
75 agggaagtga ggaggaagag ggagactgaa agggaaggca ggtggggaga aggggggacga 2940
76 aagaggcaga agagagagaa gagaggagga gagaggggga gagagggaag gaaggaaata 3000
77 gggagaggag ggtcacagag tgaccgtgga ggatggggct tctcg              3045
80 <210> SEQ ID NO: 2
81 <211> LENGTH: 24
82 <212> TYPE: DNA
83 <213> ORGANISM: human
85 <220> FEATURE:
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W--> 86 **<221> NAME/KEY: misc_features**
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87 <222> LOCATION: (1)...(24)
88 <223> OTHER INFORMATION: n=a, c, g, or t
90 <400> SEQUENCE: 2
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W--> 91 **aacgaagacn nnnnnngtct tctt**   **24**
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94 <210> SEQ ID NO: 3
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: sense primer
102 <400> SEQUENCE: 3
103 gtggcgaaca taaaacctca                                              20
106 <210> SEQ ID NO: 4
107 <211> LENGTH: 21
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense
113       primer
```

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```
115 <400> SEQUENCE: 4
116 ttcttaaatc gtgtcagcat c                                        21
119 <210> SEQ ID NO: 5
120 <211> LENGTH: 29
121 <212> TYPE: DNA
122 <213> ORGANISM: human
124 <400> SEQUENCE: 5
125 ttaaaaacga agacacactc ggtcttctt                                29
128 <210> SEQ ID NO: 6
129 <211> LENGTH: 29
130 <212> TYPE: DNA
131 <213> ORGANISM: human
133 <400> SEQUENCE: 6
134 ggaagaagac cgagtgtgtc ttcgttttt                                29
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 31
139 <212> TYPE: DNA
140 <213> ORGANISM: rat
142 <400> SEQUENCE: 7
143 cggcataagc aagcccttat tgcacagagc t                             31
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/24/2003
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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 10,11,12,13,14,15,16

VERIFICATION SUMMARY   DATE: 09/24/2003
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L:86 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0